

Table D-5. Lawrence Livermore National Laboratory

ICSBEP FIVE-YEAR PLAN LAWRENCE LIVERMORE NATIONAL LABORATORY	
<i>IDENTIFIER</i>	<i>DRAFT TITLE</i>
<i>FY-2006</i>	
PU-SOL-THERM-019	Proserpine Experiments: Aqueous Plutonium Solutions Reflected by Beryllium Oxide and Graphite
HEU-MET-THERM-028	SPADE Experiments -- BeO Moderated Oy with Materials such as Iridium, Rhenium, Hafnium, Silver, Tantalum, Hastalloy, Indium, Cadmium, Tungsten, Niobium, Gold, or Aluminum in a Central Slot (~250 Configurations) – Part I
HEU-SOL-THERM-046 (Joint IRSN/LLNL)	Proserpine Experiments: Part II. Aqueous Uranium Solutions Reflected by Beryllium Oxide and Graphite
<i>FY-2007</i>	
HEU-MET-THERM-029	SPADE Experiments Special Materials – Part II
TBD	Nimbus: Part III. *Requires help with declassification of original materials.
<i>FY-2008</i>	
Neutron-Time-of-Flight	LLNL Pulsed Spheres: Part I. Plutonium (Luisa Hansen)
<i>FY-2009</i>	
HEU-MET-FAST-056	Graphite – Oy – D2O System (C/U: 500 – 35000)
Neutron-Time-of-Flight	LLNL Pulsed Spheres: Part II. Beryllium
<i>FY-2010 and Beyond</i>	
Neutron-Time-of-Flight	LLNL Pulsed Spheres: Part III. TBD
Neutron Transmission	LLNL (Bramblett & Czirr) ²³⁵ U and ²³⁹ Pu Plate Transmission Measurements
Others	To Be Determined